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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,056	01/08/2002	Jon Shaffer	108176/full	4998

7590 03/27/2003

BRYAN CAVE LLP  
245 Park Avenue  
New York, NY 10167

[REDACTED]  
EXAMINER

BARRY, CHESTER T

[REDACTED]  
ART UNIT PAPER NUMBER

1724

DATE MAILED: 03/27/2003

13

Please find below and/or attached an Office communication concerning this application or proceeding.

AS-13

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/043,056	SHAFFER
	Examiner Chester T. Barry	Art Unit 1724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 6 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on \_\_\_\_\_.

2a) This action is **FINAL**.      2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-29 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) 1-15 is/are allowed.

6) Claim(s) 16 is/are rejected.

7) Claim(s) 17-29 is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 08 January 2002 is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some \* c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)      4)  Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.

2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)      5)  Notice of Informal Patent Application (PTO-152)

3)  Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.

6)  Other: \_\_\_\_\_.

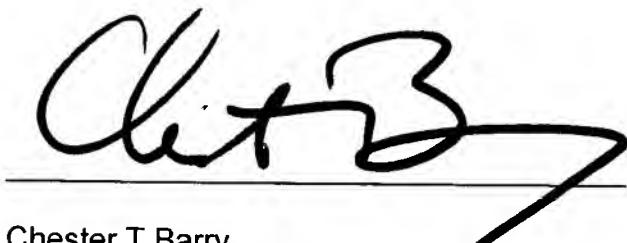
Art Unit: 1724

The Office action mailed 2/13/03 is VACATED so that this non-final Office action may be mailed.

Pages 2 – 4 of the detailed portion of the Office action mailed 2/13/03 is incorporated herein by reference. Attachments 1 and 3 of the Office action mailed 2/13/03 forms a portion of this paper.

Furthermore, the recitation of an “output tube” in pending claim 16 encompasses the conduit portion of the structures described in the specification which correspond to the “second independent pumping means for delivering a portion of the fluid from the bioreactor to the environment” recited in patent claim 15.

Respectfully,

A handwritten signature in black ink, appearing to read "Chester T. Barry". The signature is fluid and cursive, with a long horizontal stroke extending to the right at the end.

Chester T Barry

Examiner

703-306-5921